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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: O'Donnell et al. Atty Dkt No.: 2002P16402US01
Serial No.: To Be Assigned Date: October 2, 2003
Filed: Herewith
For: SYSTEMS AND METHOD FOR USING DELAYED ENHANCEMENT MAGNETIC RESONANCE IMAGING AND ARTIFICIAL INTELLIGENCE TO IDENTIFY …

Mail Stop Patent Application
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

The documents listed on the accompanying Form PTO-1449, and of which copies are enclosed, are hereby cited pursuant to 37 CFR §1.56, §1.97 and §1.98, for consideration in the examination of the above-identified application and for the purpose of having them made of record.

Respectfully submitted,

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Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No.	Serial No.
		2002P16492US01	To Be Assigned
INFORMATION CITED BY APPLICANT		Applicant	
		O'Donnell et al.	
		Filing Date	Group
(Use several sheets if necessary)		Herewith	To Be Assigned

U.S. Patent Documents

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if appropriate

Foreign Patent Documents

	Document Number	Date	Country	Class	Subclass	Translation

Other Prior Art (including Author, Title, Date, Pertinent Pages, etc.)

	Kim et al. "Relationship of MRI Delayed Contrast Enhancement to Irreversible Injury, Infarct Age, and Contractile Function", Circulation, November 9, 1999, pp. 1992-2002.
	Gerber et al., "Relation Between Gd-DTPA Contrast Enhancement and Regional Inotropic Response in the Periphery and Center of Myocardial Infarction", Circulation, August 28, 2001, pp. 998-1004.
	Choi et al., "Transmural Extent of Acute Myocardial Infarction Predicts Long-Term Improvement in Contractile Function", Circulation, September 4, 2001, pp. 1101-1107.
	Kim et al., "The Use of Contrast-Enhanced Magnetic Resonance Imaging to Identify Reversible Myocardial Dysfunction", The New England Journal of Medicine, Nov. 16, 2000, vol. 343, no. 20, pp. 1445-1453.
	Bonneville et al., "Support vector machines for improving the classification of brain PET images", SPIE Conf. on Image Processing, San Diego, CA, February 1998, SPIE Vol .3338, pp. 264-273.
	"Gokturk et al., "A Statistical 3-D Pattern Processing Method for Computer-Aided Detection of Polyps in CT Colonography", IEEE Trans. On Medical Imaging, Vol. 20, No. 12, Dec. 2001, pp. 1251-1260.
	El-Naqa et al., "A Support Vector Machine Approach for Detection of Microcalcifications in Mammograms", 2002 IEEE, pp. II-953-II956.
	Fieno et al., "Contrast-Enhanced Magnetic Resonance Imaging of Myocardium at Risk", Journal of the Amer. College of Cardiology, Vol. 36, No. 6, 2000, pp. 1985-1991.
	Simonetti et al., "An Improved MR Imaging Technique for the Visualization of Myocardial Infarction", Radiology, January 2001, Vol. 218, No. 1, pp. 215-223.
	Rehwald et al., "Myocardial Magnetic Resonance Imaging Contrast Agent Concentrations After Reversible and Irreversible Ischemic Injury", Circulation, January 15, 2002, pp. 224-229.
	"Baer et al., "Dobutamine Magnetic Resonance Imaging Predicts Contractile Recovery of Chronically Dysfunctional Myocardium After Successful Revascularization", JACC, Vol. 31, No. 5, April 1998, pp. 1040-1048.

Examiner	Date Considered